

Title (en)

Device for stepwise transport of workpiece carriers

Title (de)

Vorrichtung zum getakteten Transport von Werkstückträgern

Title (fr)

Dispositif pour le transport pas à pas des porte-pièces

Publication

EP 1632444 A1 20060308 (DE)

Application

EP 04403001 A 20040903

Priority

EP 04403001 A 20040903

Abstract (en)

The device for the cycled transportation of horizontally guided workpiece carriers (4) along a guide track has guide rails (1,2) upon which the workpiece carriers are fed to assembly and processing stations. One or two conveyor lines (7) as endless belts guided over deflection rollers (9,10) each has a holding device (15) to hold the workpiece carriers and which by means of a rotatable joint (16) is pivotable around a horizontal axis extending at right angles to the direction of conveyance (A). Means are provided for the controllable lowering and lifting of the pivotable holding device.

IPC 8 full level

B65G 35/06 (2006.01)

CPC (source: EP)

B23Q 7/1447 (2013.01); **B65G 35/06** (2013.01); **B65G 2201/02** (2013.01)

Citation (search report)

- [Y] DE 29924137 U1 20020117 - SIM AUTOMATION GMBH & CO KG [DE]
- [Y] WO 03004215 A1 20030116 - ZBV AUTOMATION BERSE & ELSAS G [DE], et al
- [Y] EP 1400469 A1 20040324 - AKB AUTOMATIONSKOMPONENTEN UND [DE]

Cited by

CN108328289A; DE102008056142A1; DE102006046892A1; CN105668166A; EP2008734A1; CN111098149A; CN106002135A; CN104690593A; CN109095150A; CN110027864A; US8931626B2; DE202007018399U1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1632444 A1 20060308; EP 1632444 B1 20081008; AT E410382 T1 20081015; DE 502004008213 D1 20081120

DOCDB simple family (application)

EP 04403001 A 20040903; AT 04403001 T 20040903; DE 502004008213 T 20040903